
Subject: Re: Syntax error while compiling IDL code
Posted by [marc schellens\[1\]](#) on Thu, 08 Apr 2004 05:15:33 GMT
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Paresh wrote:

```
> Hello Everyone,  
> When I try to compile the following .pro file using IDL 6.0, I get  
> a syntax error message given below.  
>  
>  
> -----  
> IDL> .compile approach  
>  
> dmazid=map_2points(elk(k),nlk(k),elz(j),nlz(j),/METERS)  
>                                     ^  
> % Syntax error.  
> At: /disk/151/oracle/j2ee/home/default-web-app/WEB-INF/classes/F  
DOclasses/IDLCode/windmodel/GEMPLEX_04_01_04/MODULES_VM/app roach.pro,  
> Line 17  
> % 1 Compilation error(s) in module APPROACH.
```

If IDL reports a syntax error here it means it does not know the map_2points function and thinks therefore map_2points is an array. Make sure the map_2points function is compiled before or in the file map_2points.pro somewhere in your idl path (!PATH system variable).

HTH,
marc

```
> IDL>  
> -----  
>  
> -----  
> PRO APPROACH,k,elk,nlk,elz,nlz,range,zpstc  
> compile_opt hidden  
> on_error,1  
>  
> ;...preamble  
> if n_params() eq 0 then begin  
> print,'APPROACHX,k,elk,nlk,elz,nlz,range,zpstc'  
> return&endif  
>  
> ;...collect zipcodes which are within range of current center  
> kinc=1 & k=-kinc & nzip=n_elements(elz)  
> labela: k=k+kinc & dc2zip=1000.  
> if k+1 gt n_elements(elk) then return
```

```

>
> ;...build table of distances of all zipcodes from current center
> for j=0,nzip-1 do begin
>
> *****
> ;
> ; this is where I am getting the error message...
> dmazid=map_2points(elk(k),nlk(k),elz(j),nlz(j),/METERS)
> *****
>
> dc2zip=[dc2zip,1e-3*dmazid(0)] &endfor & dc2zip=dc2zip(1:*)
>
> ;...select only those zipcodes within range of the storm center
> izip=where(dc2zip le range,ict) & if ict eq 0 then goto,labela
>
> ;...for each center fix collect effected zipcodes in structure
> zpstc={index:k,jndice:izip,elz:elz(izip),nlz:nlz(izip)}
> END ;APPROACH.PRO
>
> -----
>
> Any kind of help would be appreciated.
> I am a complete novice to IDL.
>
> Thanks!

```

Subject: Re: Syntax error while compiling IDL code
 Posted by [Michael Wallace](#) on Thu, 08 Apr 2004 16:06:03 GMT
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```

> If IDL reports a syntax error here it means it does not know
> the map_2points function and thinks therefore map_2points is an array.
> Make sure the map_2points function is compiled before or in the
> file map_2points.pro somewhere in your idl path (!PATH system variable).

```

Check you !PATH or IDL_PATH environmental variable and make sure they include the standard path to IDL and not just your own IDL procedures. In IDL 6.0, the map_2points procedure is located in the \$IDL_DIR/lib directory. Make sure that directory is present in your path.

-Mike

Subject: Re: Syntax error while compiling IDL code
 Posted by [guptaparesh7](#) on Thu, 08 Apr 2004 16:13:42 GMT
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Thanks Marc! that worked.

-Paresh

Marc Schellens <m_schellens@hotmail.com> wrote in message
news:<c52n6v\$1a3l\$1@news.riken.go.jp>...

> Paresh wrote:

>> Hello Everyone,

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>> a syntax error message given below.

>>

>>

>> -----

>> IDL> .compile approach

>>

>> dmazid=map_2points(elk(k),nlk(k),elz(j),nlz(j),/METERS)

>>

>> % Syntax error.

>> At: /disk/151/oracle/j2ee/home/default-web-app/WEB-INF/classes/F

DOlclasses/IDLCode/windmodel/GEMPLEX_04_01_04/MODULES_VM/approach.pro,

>> Line 17

>> % 1 Compilation error(s) in module APPROACH.

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> the map_2points function and thinks therefore map_2points is an array.

> Make sure the map_2points function is compiled before or in the

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>

> HTH,

> marc

>

>

>

>> IDL>

>> -----

>>

>> -----

>> PRO APPROACH,k,elk,nlk,elz,nlz,range,zpstc

>> compile_opt hidden

>> on_error,1

>>

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>> if n_params() eq 0 then begin

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>> return&endif

>>

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```

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>> .*****
>>
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>> ;...select only those zipcodes within range of the storm center
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>> END ;APPROACH.PRO
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